

California Legislature
Assembly Environmental Safety and Toxics
Materials Committee

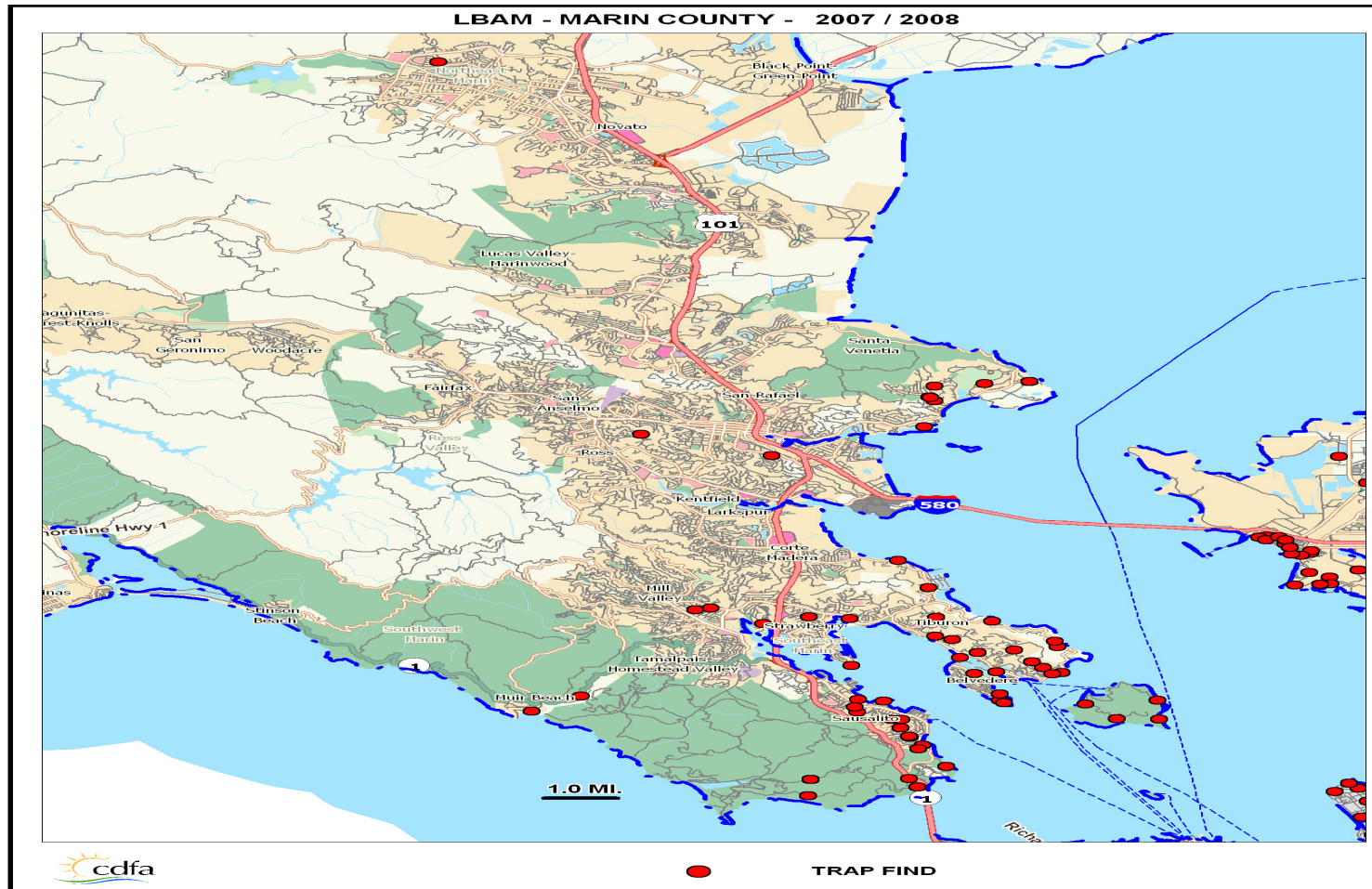
Informational Hearing on
Light Brown Apple Moth in S.F. Bay Area

“The Local Perspective”

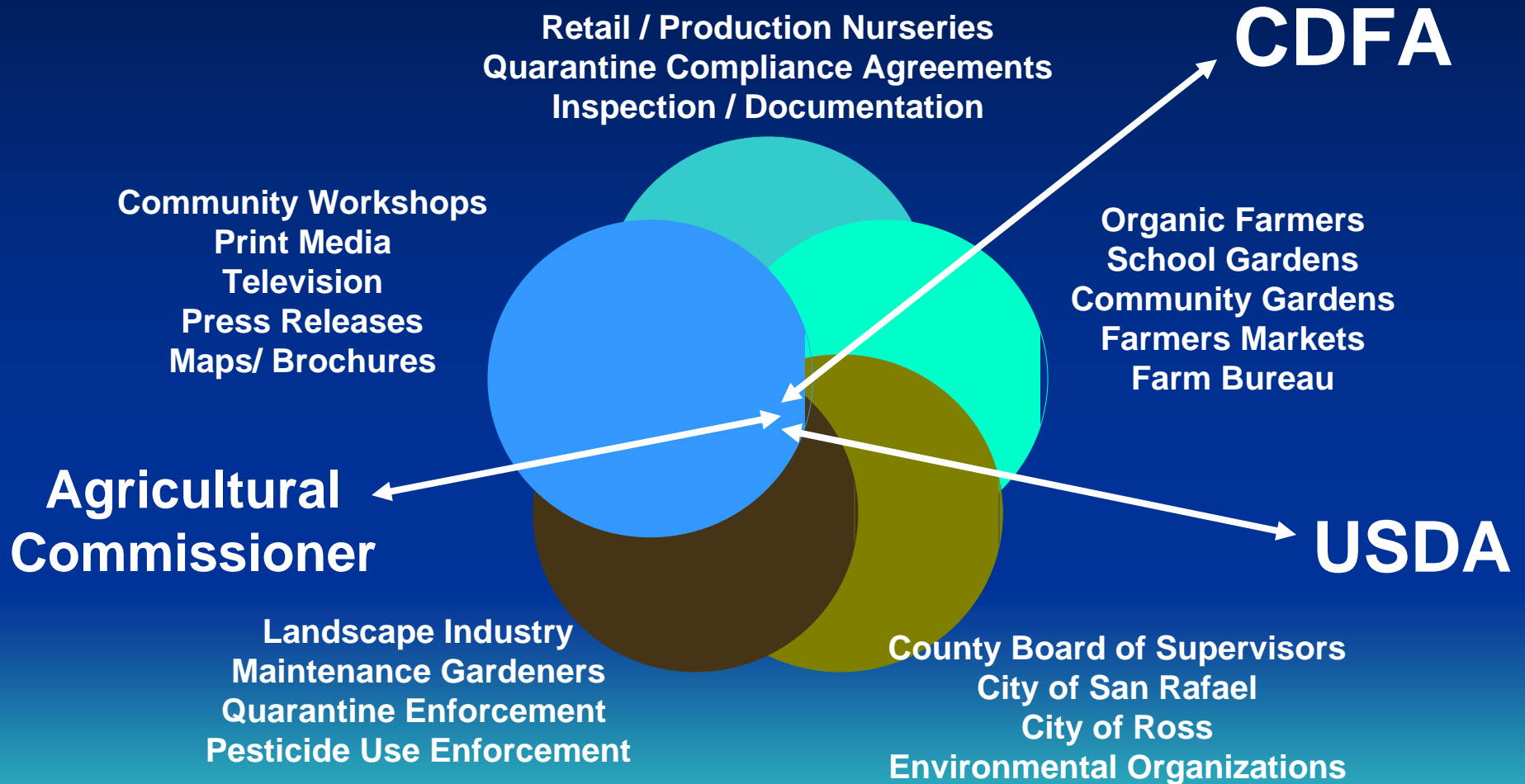
Stacy Carlsen
Marin County Agricultural Commissioner
February 14, 2008



LBAM in Marin County



LBAM Eradication Public Outreach



A.G. Kamamura, Secretary
California Department of Food and Agriculture
1220 N Street, Suite A-400
California 95814-5607

March 30, 2007

Dear A.G.,

Multiple adult light brown apple moths (*Epiphyas postvittana*) have recently been detected in portions of Marin County, indicating an incipient infestation of this serious agricultural pest. The light brown apple moth is native to Australia and the larvae feed on a wide range of plants including fruit and vegetable crops, ornamentals, and native tree species such as Oak and Bishop Pine. Some of the more common hosts are stone fruit (peaches, plum, apricot, nectarine), pip fruit (apple and pear), cherries, citrus, and grapes.

The County Agricultural Commissioner is a state plant quarantine officer under the supervision of the State pursuant to California Food and Agricultural Code Sections 5101 and 5102.

Therefore, I am requesting that a Light Brown Apple Moth State Interior Quarantine be established in the areas where light brown apple moth have been detected, including not less than a 1.5 mile buffer zone surrounding each pest detection site.

Timely establishment by the State of a regulated area, as an emergency action to prevent the artificial spread of light brown apple moth, is critical due to the significant potential consequences to the state, national and international agricultural industries and environments.

Sincerely,

Stacy Carlsen
Marin County Agricultural Commissioner

Cc
Nicholas Condos, Chief, Pest Exclusion Branch Division of Plant Health and Pest Prevention
Services 1220 N Street, Room A-372 Sacramento, California 95814-5607

Marin County Board of Supervisors

LBAM Technical Working Group

“ Eradication will almost certainly require the integration of several tactics, including mating disruption (pheromone) formulations, insecticide treatments (e.g. Bt, spinosyns), sterile insects, biological controls and other techniques. Ground and aerial application of these materials should be used as needed. A strong research and methods development component will be critical for program success.”



Potential Affects on Local Agriculture



- Organic Farms and Certification
- Direct Marketing – Farmers Mkt
- Nursery Quarantine Impacts
 - *Increase Production/ Retail Inspections*
 - *Compliance Agreements*
 - *Phytosanitary Shipment Certification*
- Increase Pesticides Use
- General Quarantine Impacts
 - *School / Community Gardens*
 - *Inter / Intra State regulations*
 - *International commerce (Canada)*
- Landscape Maintenance
- Environmental Issues/ Invasive Species

Nursery Regulations

- **Provisions for the Movement of Nursery Stock:**
- Establishment agrees to the following:
 - 1. Control Program
 - Establishment shall maintain a control program to ensure freedom within the nursery from the Light Brown Apple Moth (LBAM).
 - 2. Infected Nursery Stock
 - If the nursery or any plant within the nursery is found to be infested with LBAM, Establishment shall immediately notify the Project and not move any plants out of the quarantined areas until such time as the Project can determine that the nursery is free of LBAM.
 - 3. Records
 - Establishment shall maintain records of incoming shipments of nursery stock and provide records the Project Officers as requested. Establishment shall allow the Project to perform periodic inspections to verify compliance with this Provision.



Current Invasive Species Fiscal Impacts in Marin County

- Glassywinged Sharpshooter (GWSS)
 - \$83,000/ year quarantine contract with CDFA
- Sudden Oak Death (SOD)
 - \$34,000/ year quarantine contract with CDFA
- Light Brown Apple Moth (LBAM)
 - \$10,000/ start up contract with CDFA (Future Est. Cost = \$40,000/ yr.)
- High Risk Pest Exclusion

Includes inspecting – DHL, UPS, Fed Ex, Trucks for Gypsy Moth

 - \$10,000 (CDFA Contract)
 - \$90,000 (Marin County)

☐ **Total** Department Expenditures on quarantine inspections = **\$227,000/ year**



? Questions ?

